

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L10	6593	(382/284,173,199,294,165,48).cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/26 19:05
L11	3267	L10 and ((Region\$1 or area\$1 or zone\$1 or section\$3 or block\$3) same (target\$4 or segment\$6 or divid\$3 or partition\$3 or partial\$3 or portion\$ or extract\$3 or samp\$4 or cut\$4))	USPAT	OR	OFF	2009/03/26 19:06
L12	36	L11 and dot adj matrix	USPAT	OR	OFF	2009/03/26 19:07
L13	36	L10 and (extract\$3 near3 edge\$1 adj pixel\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/26 19:08
L14	0	L12 and (extract\$3 near3 edge\$1 adj pixel\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/26 19:08
L15	113	(OUCHI near3 MAKOTO).inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/26 19:09
L16	4	L10 and L15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/26 19:09
S1	0	("20020102018").PN.	USPAT; USOCR	OR	OFF	2009/03/17 10:06
S2	2	("20020102018").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/17 10:06

## EAST Search History

S3	0	("dotadjmatrix").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/17 10:08
S4	11201	dot adj matrix	USPAT	OR	OFF	2009/03/17 10:08
S5	1080	S4 same ((Region\$1 or area\$1 or zone\$1 or section\$3 or block\$3) same (target\$4 or segment\$6 or divid\$3 or partition\$3 or partial\$3 or portion\$ or extract\$3 or sampl\$4 or cut\$4))	USPAT	OR	OFF	2009/03/17 10:15
S6	6090463	(Region\$1 or area\$1 or zone\$1 or section\$3 or block\$3) same (target\$4 or segment\$6 or divid\$3 or partial\$3 or portion\$4 or extract\$3 or sampl\$4 or cut\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/17 10:19
S7	1075	S5 same S6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/17 10:20
S8	1812	S6 same dot adj matrix	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/17 10:21
S9	3	S8 same (extract\$3 near3 edge\$1 adj pixel\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/17 10:23
S10	5	S8 and (extract\$3 near3 edge\$1 adj pixel\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/17 10:30

## EAST Search History

S11	3	dot adj matrix same (extract\$3 near3 edge\$1 adj pixel\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/17 10:32
S12	10	dot adj matrix and (extract\$3 near3 edge\$1 adj pixel\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/17 10:32
S14	9	dot adj matrix adj filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/17 10:38
S15	10	dot adj matrix adj filter\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/17 10:38
S16	69	(dot adj matrix) near3 filter\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/17 10:45
S17	0	S16 same (extract\$3 near3 edge\$1 adj pixel\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/17 10:45
S18	1	S16 and (extract\$3 near3 edge\$1 adj pixel\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/17 10:46

## EAST Search History

S19	2	"7155067".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/17 10:51
S20	3151840	Dot matrix print detector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/17 10:59
S21	2	Dot adj matrix adj print adj detector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/17 11:00
S22	2	"7221799".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/17 11:05
S23	3	"7113306".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/17 11:43
S24	3	("5740335"   "6344907"   "6377359").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/17 12:12
S26	1	edge adj pixel and dot adj matrix adj filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/17 12:23
S28	9	(dot adj matrix adj filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/17 12:24

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S29	10	(dot adj matrix adj filter\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/17 12:45
S30	1	edge adj pixel and dot adj matrix adj filter	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/17 14:02
S31	1	(edge adj pixel) and (dot adj matrix adj filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/17 14:03
S32	18	Detect\$5 near7 ((edge adj pixel\$1) near7 (neighbor\$3 adj pixel\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/17 19:49
S33	184	((edge adj pixel\$1) near7 (neighbor\$3 adj pixel\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/17 19:53
S34	40	S33 same (compar\$6 or match\$3 or similar\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/17 19:56
S35	28	S33 with (compar\$6 or match\$3 or similar\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/17 19:57
S36	0	"2002102018"	USPAT	OR	OFF	2009/03/18 07:36
S37	3	"2002102018"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/18 07:36

## EAST Search History

S38	3	"20020102018"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/18 07:37
S39	463761	dot- matrix	USPAT	OR	OFF	2009/03/19 10:09
S40	810	dot-matrix and edge	USPAT	OR	OFF	2009/03/19 10:09
S41	0	S40 and do-matrix adj filter	USPAT	OR	OFF	2009/03/19 10:10
S42	0	S40 and dot-matrix adj filter	USPAT	OR	OFF	2009/03/19 10:10
S43	3	dot-matrix adj filter	USPAT	OR	OFF	2009/03/19 10:10
S44	4	(dot-matrix adj filter) or (dot adj matrix adj filter)	USPAT	OR	OFF	2009/03/19 10:11
S45	9	(dot-matrix adj filter) or (dot adj matrix adj filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/19 10:12
S46	2	"6834124".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/19 10:16
S47	2	"6678414".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/19 10:20
S48	2	"4847641".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/19 10:23
S49	160	stitch\$3 adj image	USPAT	OR	OFF	2009/03/19 16:46
S50	443	stitch\$3 adj image	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/19 16:46

## EAST Search History

S51	386	S50 and (compar\$6 or match\$3 or similar\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/19 16:47
S52	1	S51 and ((edge adj pixel) and (dot adj matrix adj filter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/19 16:48
S53	44	S51 and gray adj scale	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/19 16:49
S54	10562	(Combine\$3 or overlap\$3 or superimpose\$3 or merge\$3)adj imag\$1	USPAT	OR	OFF	2009/03/19 16:55
S55	26152	(Combine\$3 or overlap\$3 or superimpose\$3 or merge\$3)adj imag\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/19 16:55
S56	3615	S55 same(compar\$6 or match\$3 or similar\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/19 16:57
S57	79	S56 same (gray or grey)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/19 16:58
S58	19	("4500919"   "4524421"   "4829370"   "5142616"   "5157506"   "5208911"   "5212546"   "5243414"   "5249263"   "5254978"   "5257097"   "5271096"   "5293258"   "5296947"   "5313291"   "5315416"   "5323249"   "5339176"   "5461493").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/19 17:11
S59	19	("5583665").URPN.	USPAT	OR	OFF	2009/03/19 17:48

## EAST Search History

S60	1	"5339176".pn.	USPAT	OR	OFF	2009/03/19 17:53
S61	80	("5339176").URPN.	USPAT	OR	OFF	2009/03/19 18:00
S62	7	("4335398"   "4500919"   "4717954"   "4751569"   "4775886"   "4929978"   "5150199").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/19 18:03
S63	1	"6331860".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/19 18:12
S64	2	"6331860".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/19 18:14
S65	584	Image adj Stitching	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/19 18:20
S66	518	Image adj Stitching	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/19 18:21
S67	2	S66 and (Che-Bin Liu and Jing Xiao )	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/19 18:22
S68	67	(Image\$1 adj Stitch\$3) near7 (Overlap or merge or fuse or blind\$3 or combine or merge)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/19 18:42
S69	13	S68 same(compar\$6 or match\$3 or similar\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/19 18:42
S70	196	(Image\$1 adj Stitch\$3) same (Overlap or merge or fuse or blind\$3 or combine or merge)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/19 18:45



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S71	13	S69 same(compar\$6 or match\$3 or similar\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/19 18:45
S72	13	S69 and(compar\$6 or match\$3 or similar\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/19 18:46
S73	5	"2007079735"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/24 19:19
S74	2	"20070079735"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/24 19:20
S75	0	"200700079735"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/24 19:21
S76	0	"200779735"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/24 19:21
S77	5	"2007079735"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/24 19:21

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S78	2	"20070079735"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/24 19:21
S79	2	"20080097981"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/24 19:23
S80	6	"2005008625"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/24 19:28
S81	2	"20050086254"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/24 19:28

# Inventor Information for 10/537565

<b>Inventor Name</b>	<b>City</b>	<b>State/Country</b>
OUCHI, MAKOTO	NAGANO-KEN	JAPAN

Appln Info	Contents	Petition Info	Atty/Agent Info	Continuity/Reexam	Foreign I
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